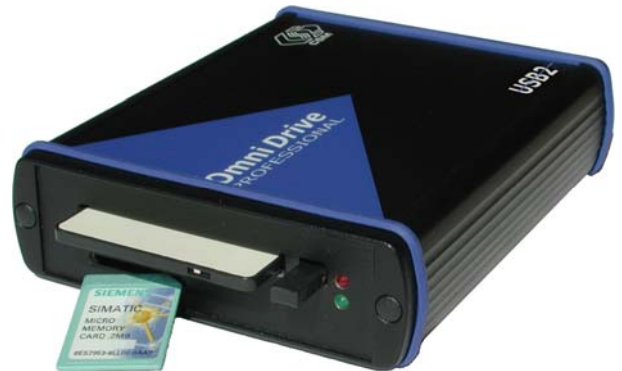*Solutions for Professional Applications*

OmniDrive USB2 LF/SD

► **Universal Memory Card Drive for USB 2.0**

► **Slot for Linear Flash Cards, SIEMENS FMC Cards, SRAM a.o. PC Cards**

► **Additional slot for SD Cards, SDHC Cards, SIEMENS Micro Memory Cards and Multi-Media Cards**

► **Easy installation and handling**
Windows 8, 7, Vista, XP, 2000, 98/Me, OSX 10.x, Linux

► **Device driver for CSM Professional Software**

► **Option: -40 °C to +85 °C operating temperature**

► **Option: Customizing / Design-In**

► **Option: PCB version**

► **Compact robust aluminum housing**

Omni*Drive USB2 LF/SD* is an external drive for a lot of **Memory Cards.** For this the device provides 2 separate slots:

▷ **PC Card Interface**

For access to **Linear Flash Cards, SIEMENS FMC Cards** for HICOM®/HiPath®, **SRAM Cards, ATA Flash Cards** a.o.

▷ **SD Card Interface**

For direct access to **Secure Digital Cards, Secure Digital High Capacity Cards, MultiMediaCards** and **SIEMENS Micro Memory Cards** for SIMATIC® S7 modules

The compact aluminum casing offers perfect protection for device and card. The power supply comes from the USB bus itself. In addition, if necessary, also by means of an AC adapter.

Modern future-proof design

Omni*Drive USB2 LF/SD* is based on a flexible, CSM-
own design which meets industrial requirements:

High speed data transfer through USB 2.0

▷ **Extreme functional and data security**

▷ **Long-term availability** by own FPGA design and manufacturing

▷ **Flexibility and protection of investment** by easy update possibility

▷ **Option:** Extended temperature range

-40 °C to + 85 °C

▷ **Option:** Customer specific adaption

Innovative Measurement and Data Technology

OmniDrive USB2 LF/SD

Omni*Drive USB2 LF/SD* is a **CSM Professional Drive.** Therefore it is perfect as a fast, robust drive for the listed memory media. In addition CSM's own device drivers allow to use the well-tried CSM Professional software tools.

The Windows tool **PC Card Manager** offers extensive possibilities for access to Memory Cards Flash Cards:

▷ **Flexible formatter utility**

▷ **Hex-Editor and Binary Copy Utility**

▷ **Test of data consistency**
   by 16-bit CRC checksum

▷ **Linear Flash Erase Utility**

The universal CSM programming interface (API) offers by a DLL **direct access to Memory Cards from own customized Windows applications**. For this the **CSM PC Card SDK** (Software Development Kit) is available as an additional product.

Mounting Version

Omni*Drive USB2 LF/SD* is also available as compact **3.5**" **mounting version**. The **compact metal frame** is just 128 mm long and 25.5 mm high.

The available USB cable lengths of 2 m and more enable the mounting in separated operating panels.

CSM - Innovative Mess- und Datentechnik

Specification Omni*Drive USB2 LF/SD*

Item	Omni*Drive USB2 LF/SD*	
Memory Card Slots	Two Front Slots: 1x PC Card Typ II and 1x SD Card	
Interface	USB 2.0 and USB 1.1	
PC Card Types	Linear Flash [1] [2], **SIEMENS FMC-xx Flash Cards,** SRAM, ATA Flash, ATA Hard Disk. CompactFlash and SmartMedia Cards with adapter	Secure Digital Cards Secure Digital High Capacity Cards **SIEMENS Micro Memory Cards** MultiMediaCards
Software	**CSM Professional Software** with **utilities:** PC Card Manager (PCM) OmniCtrl, BCPY32, CSMFORM	
Dimensions (W x H x D)	109 mm x 35 mm x 135 mm PCB version: 100,8 mm x 18 mm x 124,5 mm	
Weight	approx. 300 g / PCB version approx. 100 g	
Operating Temperature	0 °C to +70 °C [3]	
Non-operating Temperature	-20 °C to +85 °C [3]	
Humidity	max. 90 % (not condensing)	
Power Supply	DC 5 V from PC via USB bus optional additional power supply via AC adapter	
System Requirements	PC with Windows 8, 7, Vista, XP, 2000, 98/Me, OSX 10.x or Linux [1] [4]	
Conformity	C E	

[1] Usage of Linear Flash and SRAM Cards only under Windows.
[2] AMD, Catalyst, Fujitsu, Intel Series 1, 2, 2+, StrataFlash etc. Others on request.
[3] Optional -40 °C to +85 °C (operating and non-operating).
[4] Other operating systems on request.

Shipping Content:

- **Omni*Drive USB2 LF/SD** in table housing, 3.5" frame or as PCB version
- **USB cable**
- **CD** with *CSM Professional Software:*
  - *Device driver for Windows 8, 7, Vista, XP, 2000, 98/Me*
  - *PC Card Manager* utility for format independent data access inclusive HEX-Editor
  - *API with DeviceIoControl-Interface*
- **User manual in multi-language**

Options:

- **AC adapter** (Euro and US)

Additional products:

- *PC Card SDK* (PC Card Software Development Kit) for direct access to Memory Cards for custom applications. *CSM API-32, DLLs* and *code examples*

- **SuperStore Industrial Memory Cards**

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